

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081722AL\
 Data File : FC061171.D
 Signal(s) : FID1A.ch
 Acq On : 17 Aug 2022 19:00
 Operator : YP/AJ
 Sample : PB147078BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB147078BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/18/2022
 Supervised By :Ankita Jodhani 08/18/2022

Integration File: autoint1.e
 Quant Time: Aug 18 00:26:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.633	6480591	39.490 ug/ml
Spiked Amount 50.000		Recovery =	78.98%
12) S 1-chlorooctadecane (S...	11.994	6516036	49.083 ug/ml
Spiked Amount 50.000		Recovery =	98.17%
Target Compounds			
1) T n-Nonane (C9)	2.642	5342106	37.931 ug/ml
2) T n-Decane (C10)	3.629	4989703	35.371 ug/ml
3) T A~Naphthalene (C11.7)	5.169	6507219	45.778 ug/ml
4) T n-Dodecane (C12)	5.570	6120279	41.293 ug/ml
5) T A~2-methylnaphthalene...	6.191	6620878	48.275 ug/ml
6) T n-Tetradecane (C14)	7.318	6398981	42.622 ug/ml
7) T n-Hexadecane (C16)	8.878	6791323	44.377 ug/ml
8) T n-Octadecane (C18)	10.283	7304842	46.780 ug/ml
10) T n-Eicosane (C20)	11.560	7021909	44.745 ug/ml
11) T n-Heneicosane (C21)	12.156	6991084	44.680 ug/ml
13) T n-Docosane (C22)	12.727	6746290	43.268 ug/ml
14) T n-Tetracosane (C24)	13.800	4432043	29.030 ug/mlm
15) T n-Hexacosane (C26)	14.798	6156737	41.245 ug/ml
16) T n-Octacosane (C28)	15.722	11468305	80.034 ug/ml
17) T n-Tricontane (C30)	16.589	5761521	41.153 ug/ml
18) T n-Dotriacontane (C32)	17.399	7696948	57.031 ug/ml
19) T n-Tetratriacontane (C34)	18.163	5665877	45.176 ug/ml
20) T n-Hexatriacontane (C36)	18.883	5542724	45.345 ug/ml
21) T n-Octatriacontane (C38)	19.563	5433167	46.034 ug/ml
22) T n-Tetracontane (C40)	20.210	5439171	47.258 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

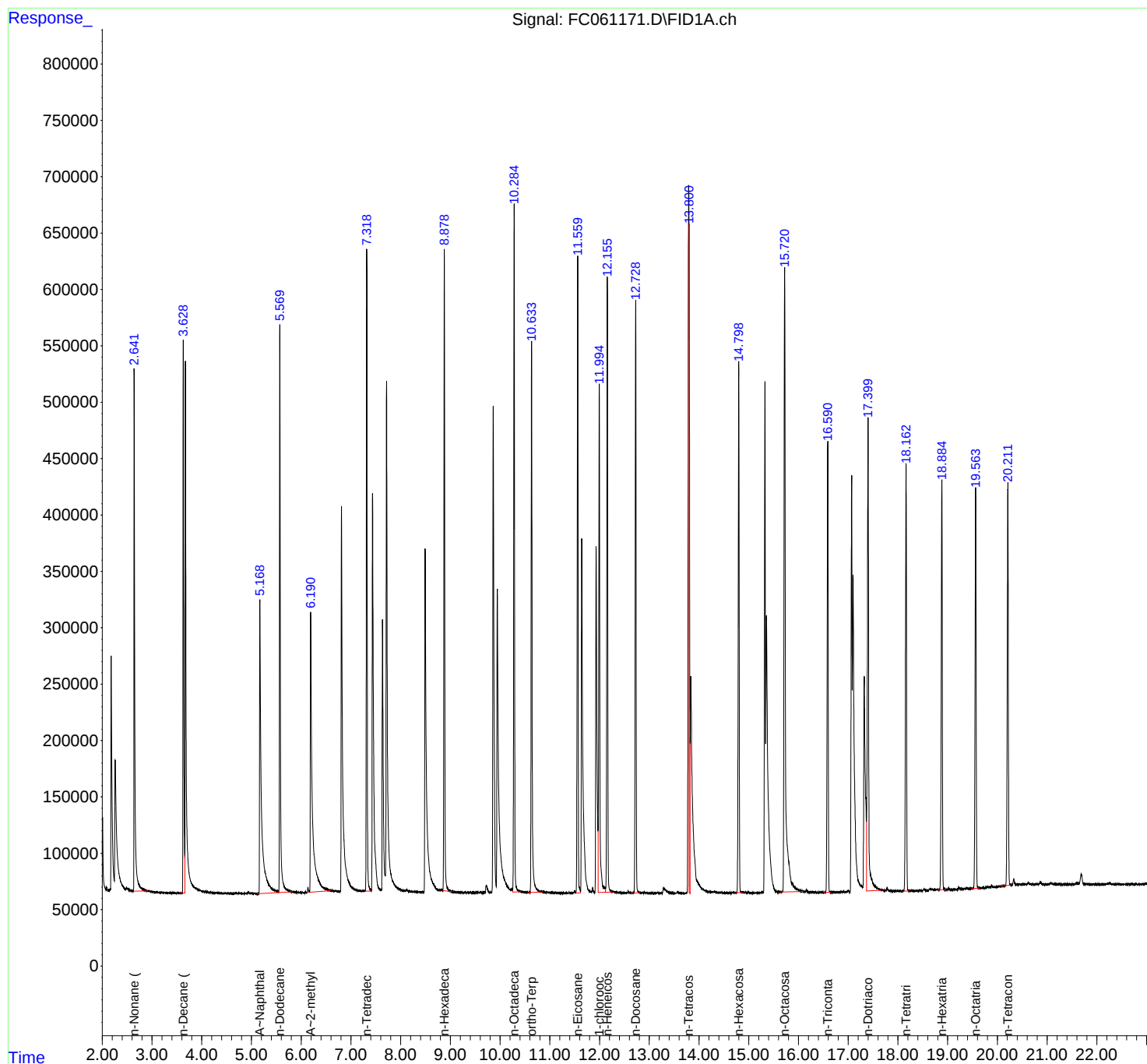
Instrument :
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PB147078BSD

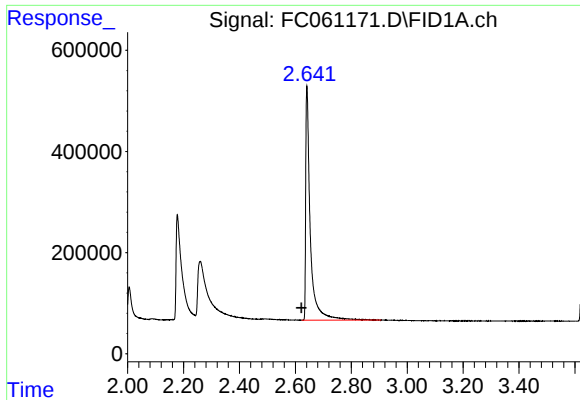
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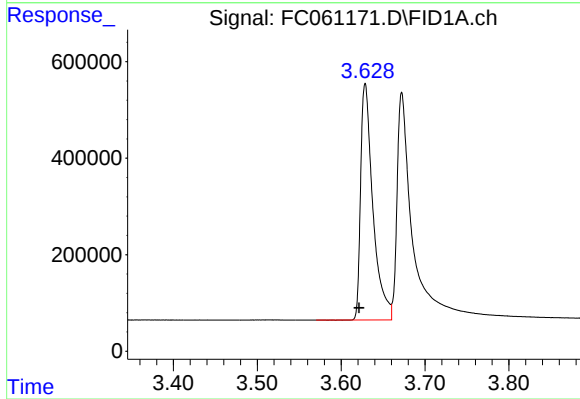
#1 n-Nonane (C9)

R.T.: 2.642 min
Delta R.T.: 0.020 min
Response: 5342106
Conc: 37.93 ug/ml

Instrument :
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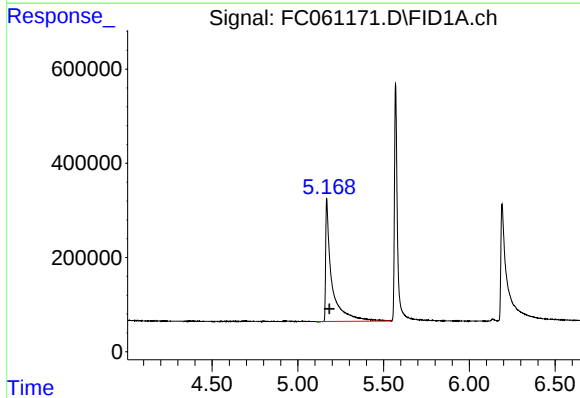
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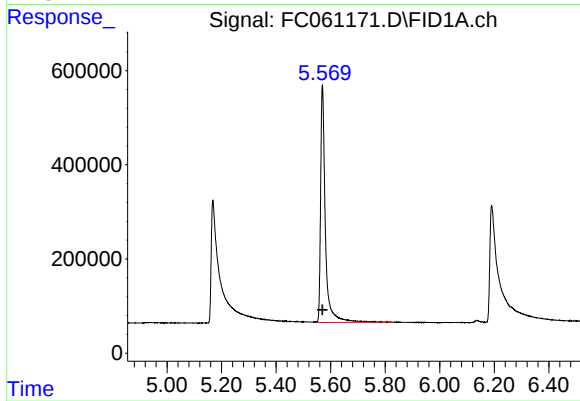
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: 0.008 min
Response: 4989703
Conc: 35.37 ug/ml



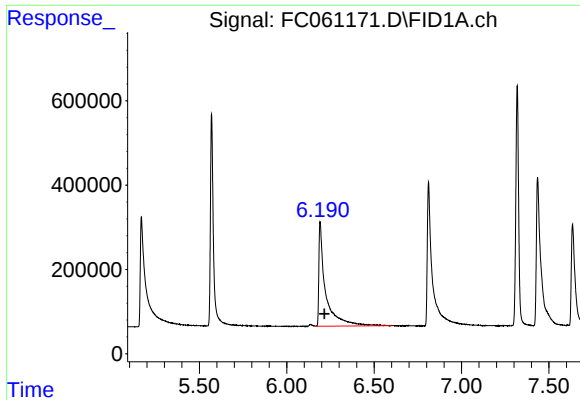
#3 A~Naphthalene (C11.7)

R.T.: 5.169 min
Delta R.T.: -0.016 min
Response: 6507219
Conc: 45.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 6120279
Conc: 41.29 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.191 min
Delta R.T.: -0.023 min
Response: 6620878
Conc: 48.27 ug/ml

Instrument :

FID_C

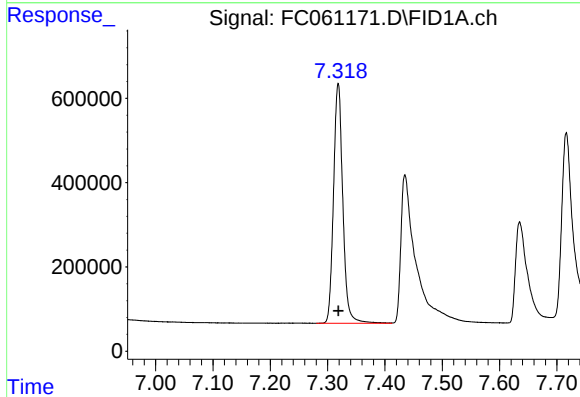
ClientSampleId :

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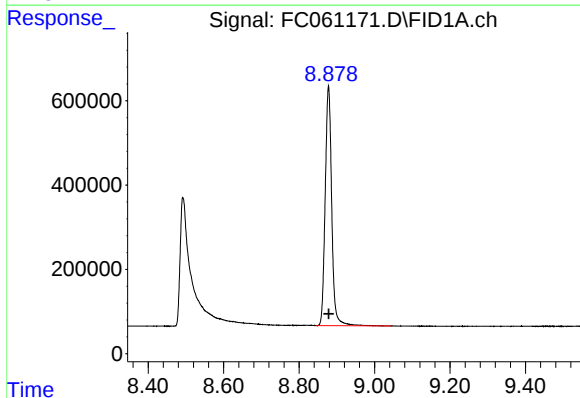
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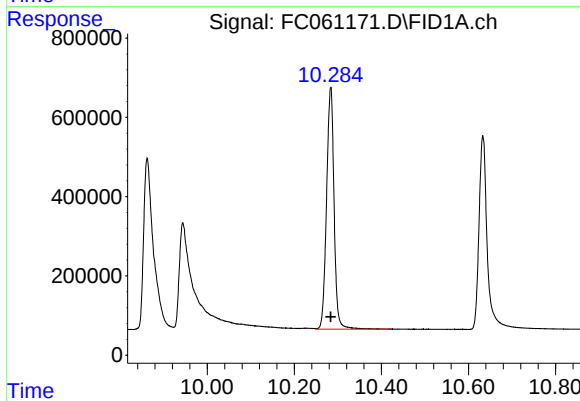
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 6398981
Conc: 42.62 ug/ml



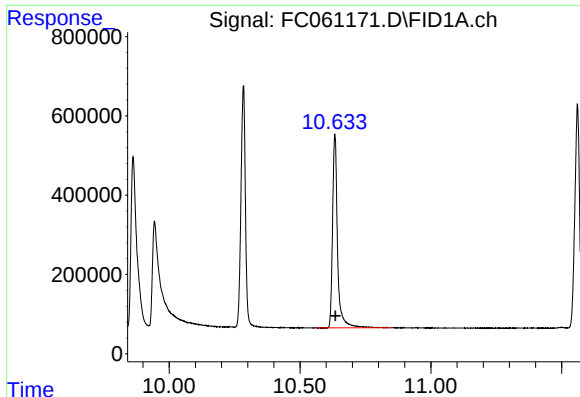
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 6791323
Conc: 44.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.283 min
Delta R.T.: 0.000 min
Response: 7304842
Conc: 46.78 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.633 min
Delta R.T.: -0.002 min
Response: 6480591
Conc: 39.49 ug/ml

Instrument :

FID_C

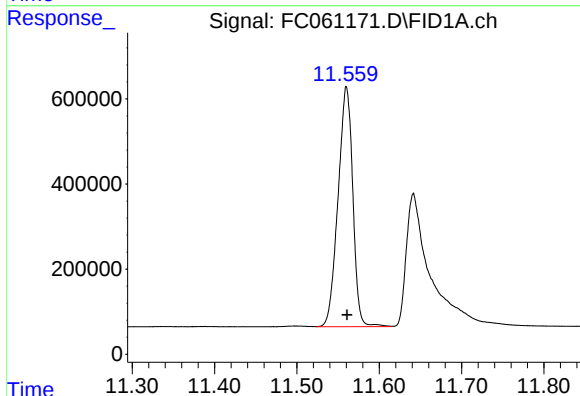
ClientSampleId :

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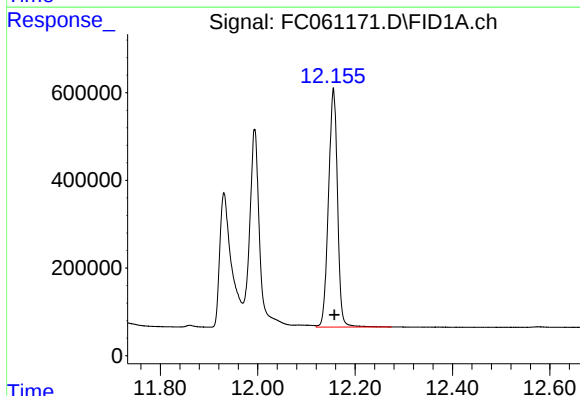
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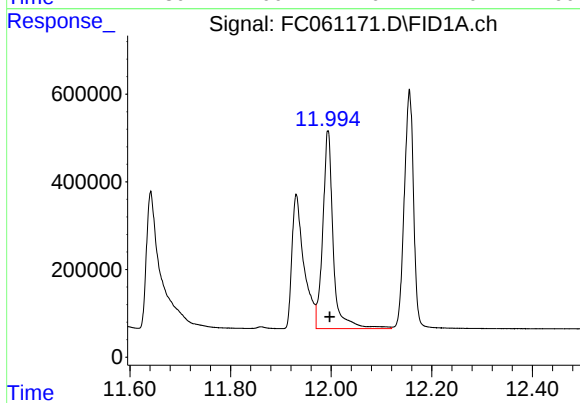
#10 n-Eicosane (C20)

R.T.: 11.560 min
Delta R.T.: 0.000 min
Response: 7021909
Conc: 44.75 ug/ml



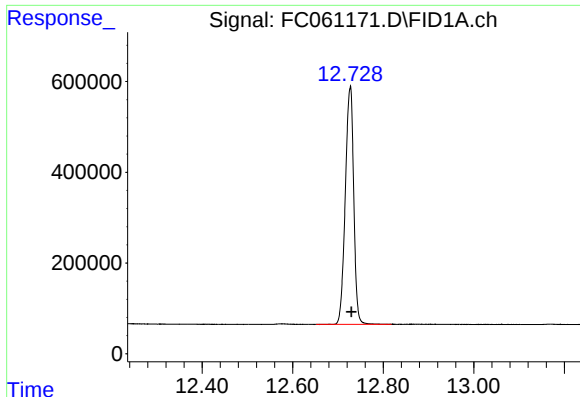
#11 n-Heneicosane (C21)

R.T.: 12.156 min
Delta R.T.: -0.002 min
Response: 6991084
Conc: 44.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.994 min
Delta R.T.: -0.004 min
Response: 6516036
Conc: 49.08 ug/ml



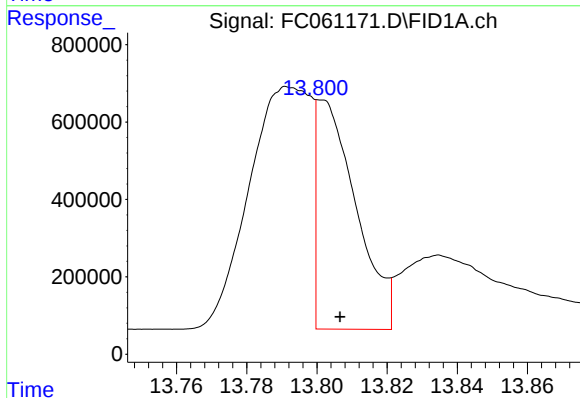
#13 n-Docosane (C22)

R.T.: 12.727 min
Delta R.T.: -0.003 min
Response: 6746290
Conc: 43.27 ug/ml

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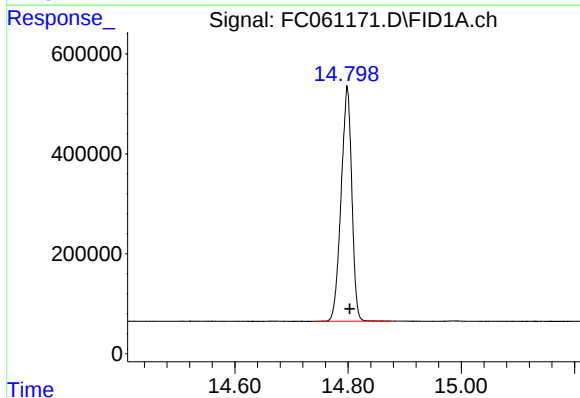
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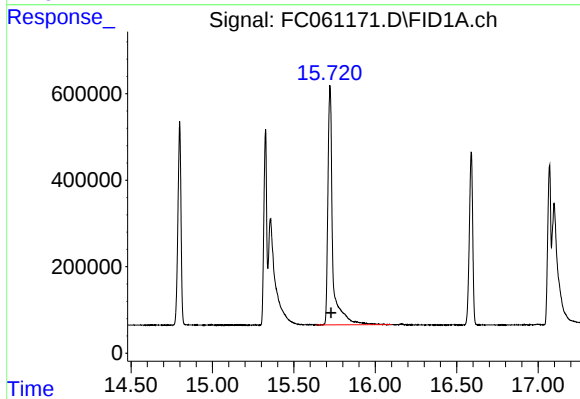
#14 n-Tetracosane (C24)

R.T.: 13.800 min
Delta R.T.: -0.007 min
Response: 4432043
Conc: 29.03 ug/ml m



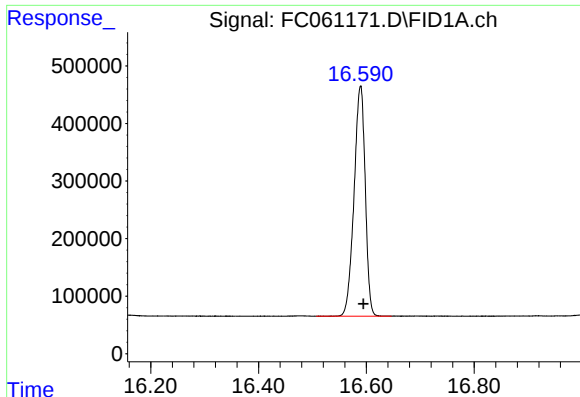
#15 n-Hexacosane (C26)

R.T.: 14.798 min
Delta R.T.: -0.005 min
Response: 6156737
Conc: 41.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.722 min
Delta R.T.: -0.007 min
Response: 11468305
Conc: 80.03 ug/ml



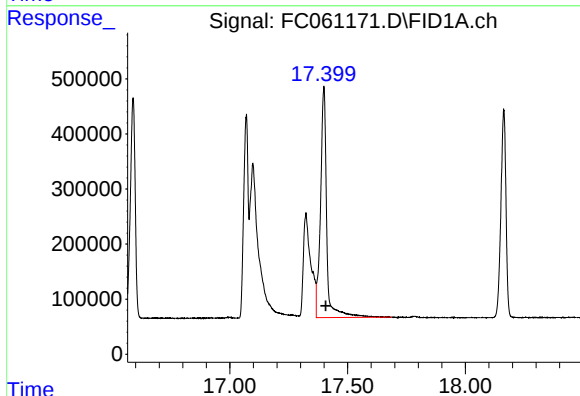
#17 n-Tricontane (C30)

R.T.: 16.589 min
Delta R.T.: -0.005 min
Response: 5761521
Conc: 41.15 ug/ml

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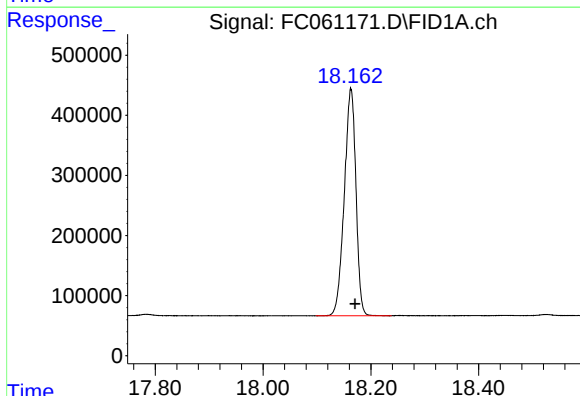
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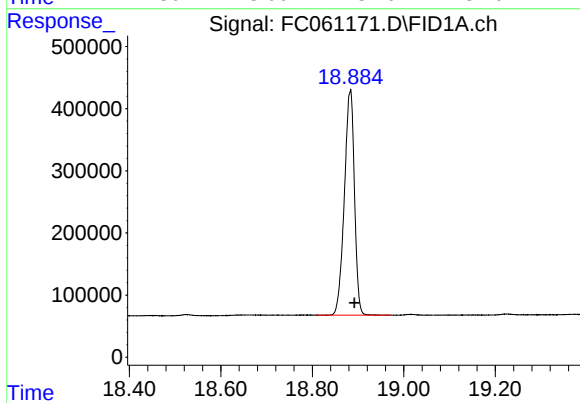
#18 n-Dotriacontane (C32)

R.T.: 17.399 min
Delta R.T.: -0.008 min
Response: 7696948
Conc: 57.03 ug/ml



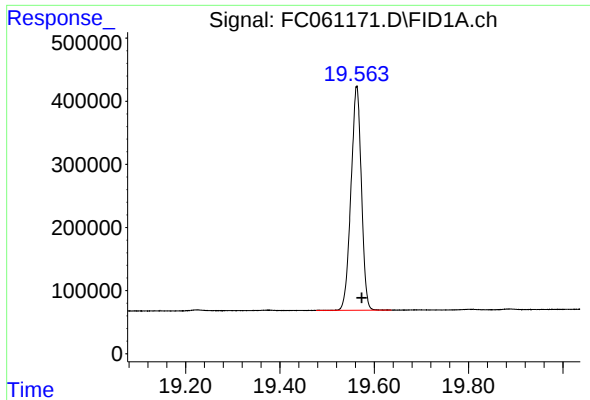
#19 n-Tetratriacontane (C34)

R.T.: 18.163 min
Delta R.T.: -0.008 min
Response: 5665877
Conc: 45.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.883 min
Delta R.T.: -0.009 min
Response: 5542724
Conc: 45.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.563 min
Delta R.T.: -0.011 min
Response: 5433167
Conc: 46.03 ug/ml

Instrument :

FID_C

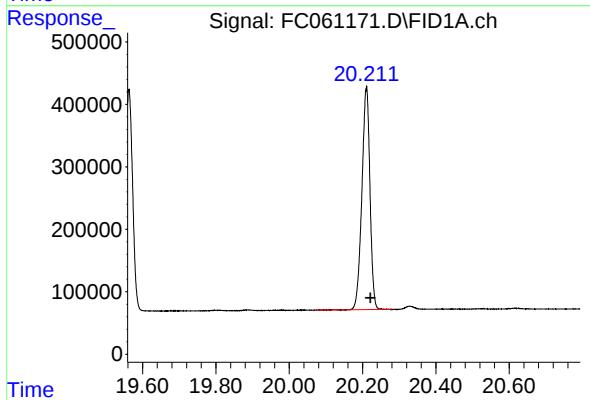
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#22 n-Tetracontane (C40)

R.T.: 20.210 min
Delta R.T.: -0.012 min
Response: 5439171
Conc: 47.26 ug/ml